

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: Dick <Dick@kanga.demon.co.uk>
Subject: [7300] 007 rig ?????
Message-ID: <3ahzbAAV+fdxEwiF@kanga>

Hi gang,

Someone sent me a list of information / blurb about a 'complete station'
the '007 160-10m' The postcode was Southern CT, USA

It was sent to Bill N8ET with a request for it to be forwarded to me.

OK, I give up. Why ???

And who is it from ???

TTFN de ...

Dick G0BPS / G0R00
Kanga Products
The UK's leading supplier of QRP kits.
<http://ukinternet.com/ham/kanga>

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: tdrumm@sparc.isl.net (Tony Drumm)
Subject: [7356] 1000 miles/watt
Message-ID: <199604190152.UAA10972@sparc.isl.net>

Hi, Folks.

Just had my longest distance QSO with my forty-9er last night - Rochester,
MN to Pensacola, FL. Software says that's 982 miles on my 700 mW. So I've
managed to break into the 1000 miles/watt family. Doesn't ARCI have a
certificate or something for that? If so, what do I do next?

He was running 150 watts and I just tried calling him after he finished
another QSO. I think he moved his freq. a little to match mine better
because I had to copy him with a very low freq. audio beat. But it was a
good copy in spite of the BC station and we managed a good bit more than
just exchanging reports (mine was 449). The more I do with QRP, the more
hooked I become...

72.
Tony Drumm

Rochester, MN
internet: tdrumm@isl.net
Packet: aa0sm@wd0gnk.#semn.mn.usa.na

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
Subject: [7287] 40-9er help
Message-ID: <Pine.OSF.3.91.960417234754.25648A-100000@duke.usask.ca>

I just received my 40-9er today. I began checking all the parts to see if everything was there and I knew what it all was ;-). One thing that has stumped me. The manual says I should have two 2.2uH chokes (coloured silver red gold red silver). However the spare parts I have left over after matching all the other parts are coloured red red gold black (on a green background). Are these equivalent? Are they modifications to the original kit? Other than that I was able to identify all the other parts ;-).

Thanks for your help.

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+-----+
| Brian Buydens, Computing Services, University of Saskatchewan |
| email: Brian.Buydens@usask.ca |
| VE5RDV |
+-----+
| Albert Einstein, when asked to describe radio, replied: "You see, wire |
| telegraph is a kind of a very, very long cat. You pull his tail in New |
| York and his head is meowing in Los Angeles. Do you understand this? |
| And radio operates exactly the same way: you send signals here, they |
| receive them there. The only difference is that there is no cat." |
+-----+
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From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [7295] Anyone have full list of Q-signs?
Message-ID: <Pine.3.89.9604180839.F10456-0100000@w3eax.umd.edu>

I would like to know if QLZ or QME have any translation. Somewhere I've seen an extensive list, but I don't have it in front of me, and don't know where in my shack it'd be.

* Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 80-10/6/2/440 *

*** VHF @ <25w, HF @ <5w *** Save a cake, pound BRASS instead ***
* 138 cfd with dipoles * QRP-L #147 QRP ARCI #9054 DXCC/WAS/WAC *
* 301-549-1022 h / 301-982-1015 w * 145.490- 147.225+ PL 156.7 *

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: bfollett@ditell.com
Subject: [7355] Band Conditions
Message-ID: <199604190159.TAA12710@orion.ditell.com>

Gang:

If you were wondering why the bands have been weird lately, this is a BIG clue:

<< GEOPHYSICAL ACTIVITY SUMMARY FROM 17/2100Z TO 18/2100Z:
THE GEOMAGNETIC FIELD VARIED FROM QUIET TO MAJOR STORM LEVELS
AS THE CURRENT DISTURBANCE REFUSED TO ABATE. >>

73, Bob

Bob Follett WA7FCU, QRP-L # 129, NorCal, ARCI, 10-10
2861 Estates Dr. VOICE: 801.649.6457
Park City, UT 84060 Home Office E-mail: bfollett.ditell.com

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: Jim.Nestor@ey.com
Subject: [7350] Boxes
Message-ID: <00145000028287790000002*@MHS>

Chuck responded to my comment with

<Jim,

<You want a garage full of boxes like me? Hey, I can make you
<a deal. :-)

My initial reaction was to give yet another smarty answer, but I
restrained that impulse because I saw an opportunity for some useful
research on the List. here goes:

What kind of little boxes does everybody use for QRP projects?

A couple of years ago, I bought several of the nice little TenTec cabinets. the ones with the black vinyl on the top & painted shiny gray and about 4-1/2 x 4-1/2. They are just the right size for the original NN1G rigs. But now Dave has gone and enlarged the footprint of the GM series so the TenTecs are too small. Besides I'm almost out of them.

I just loves the cabinet on the 40A with the cute little "buckles" on the side. Does anybody know a source for such boxes? Otherwise, what do you use?

Lacking sheet metal shears and a brake, most of my fabricating has been limited to brackets and such. Any ideas for a nice-looking, reasonably-priced, and/or easy-to-make cabinet?

73/72/5" x 6" x 2.5",

Jim, WK8G/2
jim.nestor@ey.com

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: harry.bump@hamdata.leba.net (Harry Bump)
Subject: [7324] Cascade, Mousepaddles, and Boxes
Message-ID: <829792746@hamdata.leba.net>

Hi Guys!

Glad to hear that I'm not the only one slow to move with my Cascade! Have had the parts inventoried for a month now and haven't gotten near the soldering iron, except for a quick dissection of a mouse for keyer paddle. Hope to improve keying at the mobile station. It has a different 'feel' - maybe I can get used to it!

I operate CW mobile with an NN1G (Mk2) 20m rig and homebrew amplifier (12 watts - OK so it's not QRP). Been chasing ZD8Z (Ascension Isl) between 21:00Z and 21:30Z on 14.030-35. He's really running power. Been listening to him work JA's and W6's. Who knows? I may get lucky!

Too many projects in boxes, and watching the mail for the Saint Louis Tuner yet. Guess I'll just add it to the pile fer now.

72,

Harry, KM3D

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: Richard E Robinson <rerobins@uncc.edu>
Subject: [7317] Curtiss 8044 info
Message-ID: <Pine.SOL.3.91.960418151959.28224C-100000@unccsun>

I received my keyer kit from NorCal and I want to play with the 8044 before I build the keyer. Does anyone have a tech sheet on the chip or know anywhere on the Web I could get one?

Thanks and 72,

Rick Robinson kf4ar
rerobins@uncc.edu

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: "Jon Iza" <iapizloj@bicc00.bi.ehu.es>
Subject: [7290] Drilling medium size holes on metal sheet
Message-ID: <19960418105043637.iapizloj@bi.ehu.es>

Gang,
I was waiting to read some other list guru about the subject but I haven't seen it yet so here I go with my two pesetas.
(I've checked with the Mech. Eng. shop Big Honcho about that and I has given me the Go Ahead)
In order to avoid getting a square hole with a round bit while drilling holes on metal sheet, prepare the sheet marking the surface with a enter punch (or a nail) & hammer (that way, the bit won't ruine your finished surface wandering all over the place). Later on, cut a square patch of almost any kind of cloth or even blotting paper. Put the patch over the marking, laid the bit over the setup and fire up the drill. Cloth fibers get stuck with the shavings from the bit and the hole is almost perfect with no blurrs.

Kids, don't try that at home, and Do Not Use Your Handkerchief!!
Make several practice holes to get a grip. Don't blame me if you try that on you nice Sierra or OHR400 front plate and you mess it up!
Been there, done that. Caveat Emptor.

72 + 73 de jon, ea2sn

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: flanders@GroupZ.net (Jerry Flanders)
Subject: [7305] Front Panel Detailing for Homebrews
Message-ID: <199604181631.MAA58791@nss2.CC.Lehigh.EDU>

Hi, Guys/Gals

Those of us that homebrew usually aren't able to get a really professional looking front panel appearance. On your next project, try the following:

Use the overhead transparency material in your laser printer or copier to make a full-sized panel overlay with all the lettering properly placed. Cutout holes and trim appropriately.

Place the above transparency over your (light-color painted) front equipment panel.

Place a pre-cut pre-drilled one-sixteenth flat acrylic cover over the transparency and fasten all together with decorative-head screws.

Lastly, send me a picture of it.

Don't forget to design and include your own fancy logo on the overlay - maybe scan in the family crest?

The above is going to look best with a "hooded" type cabinet - where the top and sides extend a bit beyond the plane of the front panel.

Incidentally, while you have your transparency material in the copier/printer, also make and cut out a neat overlay for your computer or CW keyboard, identifying all those special macros.

Regards

Jerry W4UKU flanders@groupz.net

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: Jim.Nestor@ey.com
Subject: [7347] Front Panels from your PC
Message-ID: <0014500002828524000002*@MHS>

Folks,

I use a slightly different approach for panels as follows:

Layout the panel actual size on the PC using favorite drawing package
Print on plain paper & double-check to fit (don't skip this step)
Print on adhesive-backed label paper (the stuff I use is from Avery
and is 8-1/2 x 11 as a single sheet, not divided into smaller labels)
Carefully position, peel & stick it to the pre-drilled panel.

To protect the lettering, I apply a piece of peel & stick clear
plastic.

(This is the same stuff you can use to laminate your ham license)

Use a sharp hobby knife to remove the material from the panel holes.

If you can't find the peel & stick paper, you could use regular paper and
stick it to the panel with rubber cement. That might even be easier since
you can sort of slide it around until it's properly positioned.

Up till now, I've been stuck with white panels and black labels. With my
new color printer, I'll try something fancier. Maybe I can mimic the
Wilderness blue panels with my own logo.

Now if I just had a garage full of little boxes like Chuck..

73/72,

Jim, WK8G/2
jim.nestor@ey.com

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [7352] FS: Tejas Backpacker II - 40m
Message-ID: <Pine.3.89.9604181949.B12135-0100000@w3eax.umd.edu>

Excellent condition, covers 7.0 - 7.2, direct conversion, 20 ounces,
asking \$75. 2 watts out, NE602 in the receiver, blah blah blah. With
manual. Thanx for reading...

* Scott Rosenfeld NF3I Burtonsville, MD FM19 QRV 80-10/6/2/440 *
*** VHF @ <25w, HF @ <5w *** Save a cake, pound BRASS instead ***
* 138 cfd with dipoles * QRP-L #147 QRP ARCI #9054 DXCC/WAS/WAC *
* 301-549-1022 h / 301-982-1015 w * 145.490- 147.225+ PL 156.7 *

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996

From: "Tim Stabler" <TSTABLER@iunhaw1.iun.indiana.edu>
Subject: [7331] Mods
Message-ID: <937A58656B@iunhaw1.iun.indiana.edu>

Sorry for the bandwidth here but lost Doug's Email address.

I would hope that if more 49-er mods are put into the web, they are put in as Volume 2. As I said here, I got the mods---all 22 pages of them. My poor machine almost quit on me. So, if more are to be put in the web, make additional volumes.

Still have not got my B board yet. If it comes today, I am skunked!! The university is having a "seminar day" for high school people and I am a speaker. So if the board comes, will have to wait until Saturday.

72 de WB9NLZ

Timothy A. Stabler, Ph.D.
Department of Biology
Indiana University Northwest
Gary, IN 46408

(219)980-6718
FAX: (219)980-7125

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: Alan Kaul <kaul@netcom.com>
Subject: [7334] More mods, more 40-9er measurements!
Message-ID: <Pine.3.89.9604181443.A14385-01000000@netcom11>

Gang:

I got back into the field shop/testing lab this morning and was able to run a few tests on the 40-9er, in an attempt to measure the effectiveness of some of the mods described here on the list. The most recent mod on my rig involves changing the 3-element pi output filter from a 270pf-2.2uH-470pf combination to a 470pf-1.5uH-470pf (as suggested by Ori who thought one could get more power out of a different output filter). In fact, I found that he's right -- I get more output power AND I get slightly better attenuation of second harmonic energy (though it is still not legal by FCC standards!).

Then I tried an outboard 5 element Chebyshev ''T'' filter (the dimensions of which I can't specifically remember (ARRL 1988 Handbook-- approx this: 1.4uH-470pf-1.8uH-470pf-1.4uH). It REALLY CHOPPED THE

HARMONICS but as I found out when I looked at the primary frequency, it cost me a couple of dB there, too.

My charts are below. The measurements were made on only one rig (my own). You may or may not get similar results. But if you do have access to test gear, I would hope this would prompt you to measure your equipment and to post the results here so all of us can share in the knowledge of your experiments. Remember: qrp-1 ARE US!

Note: All measurements are made with a Motorola Communications Analyzer, model R-2000, which includes a built in spectrum analyzer, frequency counter, power measuring scope, etc. My 40-9er is built on a type REV A circuit board, ordered from Jim Cates. My rig uses a 2N3866 in the final. Tests conducted on various dates, with various voltage input levels (as specified). The ''power output figure'' is the total amount of measure output power (F1 + F2 + F3 + F4 ... etc).

Table I (March 21, 1996) Power Output and Harmonics
(note: rig using ''stock'' pi output filter 270-2.2-470)

Voltage	Power	Output	F1	F2	F3	F4
7.0	0.25	0	-17	-37	-39	
9.0	0.42	0	-16	-37	-38	
12.0	0.67	0	-15	-37	-38	

Table II (April 18, 1996) Power Output and Harmonics
(note: rig using modified pi output filter 470-1.5-470)

9.0	0.60	0	-20	-34	n/a	
12.0	0.95	0	-21	-36	n/a	

(+++ LOOK AT THE OUTPUT POWER DIFFERENCES BETWEEN THE TWO FILTERS!!!)

TABLE III (April 18, 1996) Power Output and Harmonics
(note: rig using modified pi output filter 470-1.5-470
and an additional 5-element Chebyshev added outboard)

9.0	0.46	0	-49	n/a	n/a	
12.0	0.60	0	-49	n/a	n/a	

(+++ LOOK AT HOW MUCH POWER THE 5-EL FILTER APPARENTLY CONSUMES,
WHEN COMPARED TO THE OUTPUT POWER OF THE RIG WITH ONLY THE MODIFIED
PI OUTPUT FILTER).

I am also proud to report that this morning I worked WA7BZL in Bend, Oregon, using the 40-9er with my 600 Hz transmit-offset mod. I tuned thru zero beat, and found a comfortable-to-listen-to-note on the high side and answered his CQ -- his call twice plus my call twice and then K. HE CAME RIGHT BACK TO ME WITHOUT ANY QSY! I'm beginning to believe the transmit offset mod suggested by Ori and posted in the wee hours of this morning really works!

Keep those mods-a-coming.

And best 73/72 de alan

[<Alan Kaul, W6RCL>] kaul@netcom.com

From owner-qrp-l@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: launerb@crl.com (William H. Launer)
Subject: [7357] NiCad Battery Charging
Message-ID: <v01520d04ad9ca50df704@[192.0.2.1]>

Hi, gang

There is a good writeup on NiCad battery charging at:

<http://www.enterprise.ca/~vencon/nicd2.html>

It's aimed at the R/C model crowd, but contains a lot of good advice.

72/73, Bill wb0cld

Bill Launer
St. Charles, MO
launerb@crl.com
wb0cld@wb0cld.ampr.org [44.46.66.25]
qrp-l #279 qrp arci #3551

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: Jerry Parker <jparker@fix.net>
Subject: [7348] NorCal Page
Message-ID: <199604182352.QAA17784@fletch.fix.net>

The NorCal Page has been updated:

<http://www.fix.net/norcal.html>
-or-
<http://www.fix.net/~jparker/norcal.html>

Under NorCal 49er

* KJ5VW, Gary Hanson's 40-9er Construction Page complete with picture and sound!

* WB8ZJL's NorCal 49er project page complete with pictures!

Under QRP Websites
"New QRP Personal Page Links"

* KF2PH * WB6JBM * WB8ZJL * GW0TQM

I would like to note that all of these QRP'ers have put allot of effort into their pages and
I think you will enjoy them.

Gary Hanson, KJ5VW provided the Table of Contents for the 49er mod page which makes it easier
to find the mod you want without going through the whole list.

It is this type of participation that makes the NorCal Page what it is. I welcome any and all
suggestions and contributions.

Enjoy!

73'es,,,Jerry...WA6OWR...NorCal #172...jparker@fix.net...K

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: H Smith <hbs@crl.com>
Subject: [7304] North Texas QRPers to the field
Message-ID: <Pine.SUN.3.91.960418082321.27557A-100000@crl2.crl.com>

Attention DFW and vicinity QRPers!

The North Texas QRP Club, NORTEX, will be doing the QRP A-field outing on Saturday, 27 April, 1996.

The contest starts at 1300 UTC and lasts to 0100 UTC. Let's see, is that 7 AM or 8 AM CST? I'm sorry, folks, I'm UTC impaired :-). Anyway, it lasts until 0100 UTC and we get to pick our best 8 hours.

Come to the POINT NORTH PARK in Richardson, TX. Directions:

Take Central Expressway (Highway 75) to the Campbell Road exit in Richardson. Go West on Campbell Road.

Stay on Campbell Road for 2 or 3 miles until you get to Floyd Road (at signal light).

Turn right on Floyd (north). You will pass the University of Dallas, it will be on your left. Keep going until you go under the rail road tracks. The park is after the RR tracks on your right. We will be setting up in the pavillion.

Point North Park is a large enough for our antennas but small enough to not be crowded. We have set up there for the last 2 QRP Afields and Field Day.

Now, back to the time thing.

I will be cooking breakfast at the pavillion at 8 AM. Charles Cashion is bringing the plastic ware and I am bringing the eggs, bacon, and coleman stove.

Immediately after breakfast, or even during breakfast, we will start setting up the antennas. Operation starts after the antennas are erected (duh!).

Our primary goal is to have fun. So bring your radios, keyers, batteries, etc. If you want to try something out in the field, this is the day. (please, nothing that glows). We will have plenty of 12 V batteries available. Oh, it helps if you bring your head phones. Crash helmets are optional.

Bring your own lunch and soft drinks. BTW, there are plenty of fast food places near by.

IMPORTANT NOTICE. At our last NORTEX meeting, we decided to make this outing serve as our May meeting. So there WILL NOT be a NORTEX meeting on the first Saturday in MAY. So, to get your May NORTEX fix, you will have to come to QRP A-Field.

If, after this exhaustive announcement, there are any questions, just email me direct.

Get those Kitchen Passes lined up now!

CU Thar!

Smitty, NA5K

BTW, the membership decided to use the NA5K call for the contest. What can I say <blush>?

Henry Smith (hbs@crl.com)

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: Frank.Milos@East.Sun.COM (Frank Milos - SUN WWOPS New Products Project Manager)
Subject: [7298] OHR HP XCVR
Message-ID: <9604181356.AA08458@quirp.East.Sun.COM>

The first QRP kit I bought (a few years ago) was the OHR HP DC XCVR for 40 M which was based on W7EL's design.

I was considering modifying this for 30M and was wondering if anyone who has one, could mail me a copy of the instructions/parts list/etc.

I'll reimburse for the cost of the copies and postage.

TIA es 72
Frank, N01E

BTW, only got to work the contest for 1/2 hour last weekend and made 2 Q's. This may be the lowest score for the contest. ;-)

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: "Dan Harriman" <KC5GXL@pnx.com>
Subject: [7344] onions
Message-ID: <199604182300.TAA119580@nss2.CC.Lehigh.EDU>

Around here, there is a fad about slicing an onion from top to almost bottom, dipping in batter, and deep frying! mmmm good

73's es gud eating kc5gx1 aka Dan qrp-1 # 431 fists # 1572

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: Larry East <LVE1@inel.gov>
Subject: [7299] Priority Mail
Message-ID: <2.2.16.19960418142317.25bf96bc@134.20.32.17>

What's all this discussion about priority mail, express mail, fed ex, etc. have to do with QRP and/or Ham Radio? Geez folks, we are RADIO OPERATORS and are supposed to communicate by radio, not mail (nor email for that matter...) :-)

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: thom.lacosta@fido261.qis.net (Thom LaCosta)
Subject: [7311] Priority Mail
Message-ID: <b79_9604181359@fido261.qis.net>

Larry East wrote in a message to All:

LE> From: Larry East <LVE1@inel.gov>
LE> Subject: Priority Mail

LE> What's all this discussion about priority mail, express mail, fed
LE> ex, etc. have to do with QRP and/or Ham Radio? Geez folks, we are
LE> RADIO OPERATORS and are supposed to communicate by radio, not mail
LE> (nor email for that matter...) :-)

Hmmmm, let me know how well you do sending a payment for a kit via ham radio. Of course, a real purist wouldn't even subscribe to a mail list...maybe I can set up a function to spell this list out on CW ?

Thom LaCosta

--

|Internet: thom.lacosta@fido261.qis.net

|Standard disclaimer: Insure that call valves are open or closed.

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996

From: thom.lacosta@fido261.qis.net (Thom LaCosta)

Subject: [7330] Priority Mail

Message-ID: <b83_9604181728@fido261.qis.net>

Monte Stark wrote in a message to All:

MS> From: Monte Stark <ku7y@sage.dri.edu>

MS> Subject: Re: Priority Mail

MS> On 18 Apr 1996, Thom LaCosta wrote:

>

>

> Hmmmm, let me know how well you do sending a payment for a kit via

> ham radio.

>

> Thom LaCosta

> --

MS> Hmmmmm, could send your plastic number via any mode.....

Ah...but in the amateur bands, wouldn't that be commercial?

Thom LaCosta

Moderator - OtherNets

Our Business is Business

--

|Internet: thom.lacosta@fido261.qis.net

|Standard disclaimer: Insure that call valves are open or closed.

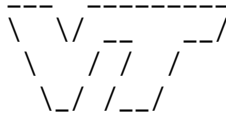
From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996

From: pelt@vt.edu (Randy Pelt)
Subject: [7323] PS Files
Message-ID: <v01540b01ad9c5e815bc4@[198.82.152.40]>

Is there a Mac user out there who can tell me how to convert post script files so my Mac can read them??

Tnx in advance.

Ranson J. Pelt
Internal Audit Manager
Virginia Tech 0328
Blacksburg, VA 24061
(540) 231-9475 Fax (540) 231-4681



QST de nz4i Semper Fi

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: Alan Kaul <kaul@netcom.com>
Subject: [7289] pulling the 40-9er 600 khz lower on xmit!
Message-ID: <Pine.3.89.9604180112.A21772-0100000@netcom20>

See attached message from Ori -- suggesting a mod to pull the transmit frequency lower:

[<Alan Kaul, W6RCL>] kaul@netcom.com

----- Forwarded message -----
From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [7312] Q-Signals
Message-ID: <Pine.SOL.3.91.960418142359.81A-1000000@utkux4.utcc.utk.edu>

For those with an interest in history or who are building a time machine, here are the Q-signals from the 1930 ARRL HB.

-73-

LB, W4RNL

1930 ARRL Handbook Q-Signal List (pp. 198-200)

Meanings abbreviated. With ?, = question; without = statement

QRA Name of station
QRB Approximate distance from your station to mine
QRC Accounts for charges to station liquidated by xxx private company
QRD Where are you going; I am going to xxx
QRE Nationality of station
QRF Where do you come from; I come from xxx
QRG Your exact wavelength in meters or frequency in kilocycles
QRH My exact wavelength of frequency
QRI Is my tone bad; my tone is bad
QRJ Cannot receive you, signals too weak
QRK Receive you well, signals good
QRL Are you busy; I am busy
QRM Being interfered with
QRN Troubled by atmospherics
QRO Increase power
QRQ Send faster
QRS Send more slowly
QRT Stop sending
QRU Have you anything for me; I have nothing for you
QRV Send series of Vs
QRW Advise xxx that I am calling him
QRX Must I wait; wait!
QRY Which is my turn; your turn is xxx
QRZ Who is calling me; you a being called by xxx
QSA Strength of signal (1-5)
QSB Strength of signal varies
QSC Signal disappears entirely at intervals
QSD Is my keying bad; keying is bad
QSE Signals distinct? Signals run together
QSF Automatic transmission good? Automatic transmission fades out
QSG Transmit telegrams by series of 5, 10, or xx
QSH Send telegram one at a time
QSI Send telegrams in alternate order without repetitions
QSJ Charge to be collected per word
QSK Suspend traffic and call again at <time>
QSL Acknowledgement of receipt
QSM Received acknowledgement of receipt
QSN Can you receive me now; cannot receive you now
QSO Can you/I can communicate with xxx
QSP Relay free of charge
QSQ Send each word or group once
QSR Distress call from xxx has been attended to by yyy
QSU Send on xxx meters (kilocycles) waves of Type A1, A2, A3, or B
QSV Shift to wave of xxx meters (kilocycles) for rest of communications
QSW I will send on xxx meters (kilocycles) waves of Type A1, A2, A3, or B

Q SX Wavelength (frequency) varies
Q SY Send on xxx meters (kilocycles) without changing type of wave
Q SZ Send each word or group twice
Q TA Cancel telegram # xxx if not yet sent
Q TB Agree with word count? I do not agree with word count
Q TC Number of telegrams sent
Q TD Word count that you are confirming is accepted
Q TE True bearing is xxx degrees
Q TF Position of your station based on bearings is xxx
Q TG 1 minute call signal for radio compass bearings
Q TH Position in latitude/longitude (or any other indication)
Q TI True course
Q TJ Speed in knots
Q TK True bearing relative to me is xxx degrees
Q TL Sending signals to permit bearing with respect to the radio beacon
Q TM Sending radio and submarine sound signals to permit bearing and distance
Q TN Cannot take bearing of your station
Q TP Going to enter dock or port
Q TR Exact time
Q TS True bearing of my station relative to you
Q TU Station open from xxx to yyy (times)

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: thom.lacosta@fido261.qis.net (Thom LaCosta)
Subject: [7329] Q-Signals
Message-ID: <b84_9604181728@fido261.qis.net>

Brian Dockter wrote in a message to All:

BD> From: Brian Dockter <brian@nds.com>
BD> Subject: Re: Q-Signals

BD> On Apr 18, 2:25pm, "L. B. Cebik" wrote:
> Subject: Q-Signals
> For those with an interest in history or who are building a time machine,
> here are the Q-signals from the 1930 ARRL HB.

BD> Didn't you forget the most important one, or did you think we were
BD> so familiar with it that it didn't need repeating? Perhaps people
BD> didn't think it was necessary back in 1930? I'm sure most people on
BD> this list would consider it's omission a grave error.

QLF ?

Thom LaCosta
Moderator - OtherNets
Our Business is Business

--

|Internet: thom.lacosta@fido261.qis.net
|Standard disclaimer: Insure that call valves are open or closed.

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: thom.lacosta@fido261.qis.net (Thom LaCosta)
Subject: [7339] Q-Signals
Message-ID: <b8a_9604181751@fido261.qis.net>

Jim Lowman wrote in a message to All:

JL> Keeping with our discussion of humorous callsign suffixes like
JL> "LID"

JL> QLF - Try sending with your left foot

Please....for years I thought that was was my first name.

Thom LaCosta
Moderator - OtherNets
Our Business is Business

--

|Internet: thom.lacosta@fido261.qis.net
|Standard disclaimer: Insure that call valves are open or closed.

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: rflight@VNET.IBM.COM
Subject: [7336] Q-signs et al
Message-ID: <199604182156.RAA56974@nss2.CC.Lehigh.EDU>

Hi folks;

This still remains a good question for me as well.

I have to go back too many more years than the mush between my ears can tolerate, but in my former life as a Shipboard CW radio operator in the good ol U.S. Navy, we had a number of reference publications that were quite useful.

Some had propagation charts that few of us were able to interpret :-), some offered the rules for "circuit discipline", etc. But one was particularly useful, which those involved in MARS (Military Affiliate Radio System) may be able to locate for us was something like DCP-125 which listed the international Q codes in great detail, as well as the "Z" series which was used uniquely by the military. How could I ever forget ZBM-2 for example? If you don't know; you wouldn't want to ask :-)

I am reasonably confident about the "125" in the above referenced doc, and the D seems to stick in my head... but then there's lots of other trash there as well. In any event; it is a standard Navy (or defense) document, as opposed to the JANAP series (not clear on this acronym either... so what good am I anyway?)... This series was the Joint Army, Navy, etc. series of operating procedures. Then there were the NATO series, which addressed the unique differences between the various versions of Morse Code, and operating procedures.... No wonder I decided against making minefield hamming a career :-). My cork (USS DASH - MSO-428) survived to make it to a cushy retirement though, so I likely would have survived. And to think that it would have provided me with the additional benefit of memorizing all those #(\$%& Q signals :-)

Soooooooooooooooooooo!!! Any MARS'tians out dare in Cyperspace???

And... While on this subject... The documents to which I refer are beyond the 30 year mile marker... Perhaps our Uncle Sam can post these to a WEB page for us Cybernauts :-)

30, 72, 73, 88, and Q somethings along with a Z somesuch and sew 4th.

de N3G0 - Sir Gary, Raleigh, NC

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: stelpony@ix.netcom.com (Steel Pony)
Subject: [7332] QRP FD and N5INZ's BBQ Onions....
Message-ID: <199604182150.0AA07462@dfw-ix9.ix.netcom.com>

Hi Gang:

Well...Field Day is almost upon us. Here's a treat for the field:

One large red onion, quarter the onion from the top nearly 3/4 of the way down, add Worcestershire sauce or A-1, some butter, pepper, a spoonfull of water, Mrs Dash(use your imagination).

Wrap in aluminum foil. Set over the camp stove or BBQ for 1 hour.

DO NOT SHARE! Yer QSO rate will fall because everyone will want N5INZ's World Famous Field Day Onions.

This might be an interesting thread. Everyone eats, right?

Enjoy and 72,
John- N5INZ

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: "John F. Jarvis" <jfj@pacer1.usca.sc.edu>
Subject: [7327] QSL route wanted
Message-ID: <199604182118.RAA09006@pacer1.usca.sc.edu>

Within 1/2 hour Friday evening I worked two new (for me) countries on 30M.

TZ6VV (Mali)

TR8BAR (Gabon)

A stateside manager is available for TZ6VV but I have not located one for TR8BAR. (qsl-info@aug3.augsburg.edu does have this one.) If anyone can help on this I would be very appreciative.

72/73 John, KE2WB

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: Bob Hightower <ki7mn@dancris.com>
Subject: [7303] St Louis Tuner
Message-ID: <199604181554.IAA06268@user.dancris.com>

My kit arrived yesterday, and I think from what Doug said he mailed it out on Monday..so, not too bad as long as it doesn't have to travel far.

Does anyone know of the layout for the back panel? There is a marked diagram of the front panel, and I'm sure I could figure out the back while building it, but I want to stencil the panels before I begin to build...much easier to do while the switches/knobs are off.

73,
Bob KI7MN NorCal 1221 ARCI 8918 Qrp-1 271

From owner-qrp-l@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: Bob Hightower <ki7mn@dancris.com>
Subject: [7358] St Louis Tuner error?
Message-ID: <199604190208.TAA08580@user.dancris.com>

Seems to be an error in the instructions for the ST Louis Tuner in that they tell you to install RFC-1 and 2 with the banded ends towards R1-4. The board, drawing and schematic seem to indicate otherwise. Doug?

Also, if you haven't started stuffing parts yet, R5 is not marked on the board, though it is abundantly clear where it goes.
73,

Bob NorCal #1228, ARCI #8918, Qrp-l #271

From owner-qrp-l@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: bfollett@ditell.com
Subject: [7333] St Louis Tuner Manual Corrections
Message-ID: <199604182151.PAA06688@orion.ditell.com>

Gang:

I notified Doug of a couple errors in the manual. He asked me to re-post them to the group....

1. Pg 8 Step 9: "We will attach the other end during final assembly"
Nope...Need a new step to "connect it to S4 center connector". (add a step 19)
2. Pg 6. First Paragraph "You should have a ground lug attached to it pointing towards... Would be nice to include the mention of adding a ground lug when the binding post was initially installed, Page 5, middle of the second column.
Since there are no supplied ground lugs for the 5 way posts, I used a lug from one of the BNC connectors, since they don't need a ground lug.

That's it for now! I am now working on the final wiring. The main toroid was GREAT fun...

73, Bob

Bob Follett WA7FCU, QRP-L # 129, NorCal, ARCI, 10-10

2861 Estates Dr.
Park City, UT 84060

VOICE: 801.649.6457
Home Office E-mail: bfollett.ditell.com

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: ae4ic@nr.infi.net (BOB KELLOGG)
Subject: [7309] St. Louis Tuner - Hints and Kinks
Message-ID: <199604181736.NAA03635@mh004.infi.net>

Gang, These are some things you might like to know about building the St. Louis Tuner:

(1) When installing the Variable capacitors, it is necessary to align three holes, three nylon washers and at least one screw. This is easily done with the aid of beeswax. Use your soldering iron to melt a very small amount around (not in) each screw hole on the capacitor. While the wax is still warm, align and stick the washer in place. Attaching the capacitor is then no harder than if the washers didn't exist.

(2) L1, the main inductance toroid can be wound backwards. (This is the voice of experience speaking, gentlemen) So, look at the diagrams *very* carefully. visuallize how L1 will be soldered to switch 2 using the picture on page 8 of the instructions. If you do wind it backwards, it can still be used -- the switch will just turn in the opposite direction when switching from low to higher impedance.

(3) The instructions say to file some phenolic off of the three pole three position switch so it will clear a pem nut. I added a nut and lock washer to the switch mounting shaft *inside* the front panel. This shifted the switch slightly, making the filing unnecessary. In addition, this shortened the length of the shaft protruding through the front panel, allowing the knobs to sit closer to the panel. It also eliminates the need to clip off the little alignment tab on the switch.

No beeswax? Try earwax. (don't use a soldering iron with earwax) (joke, but it might work) The coils in old BC receivers were dipped in a sticky wax that works the same way. Also, dentists use a soft sticky wax that will work.

I keep a little plastic cup in my shop with a 50/50 mixture of beeswax and lard. It is excellent for lubricating wood screws. It can be used as above, to temporarily stick a washer in place, or to hold a screw on the tip of your screwdriver while you thread it into a hard to reach place. This mixture has the consistancy of stiff earwax, so it doesn't need to be melted with the iron.

CUL,
Bob Kellogg, AE4IC
Probably, but not nececelery. - Benny Hill

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: Dale Anderson <dalea@artemis.fc.hp.com>
Subject: [7340] Stupid HAM Question...
Message-ID: <199604182217.AA248015877@artemis.fc.hp.com>

Hi Everyone,

Just me again with another neophyte question. Before calling on a freq, I always ask if the freq is in use. Recently I got a response on what sounded like an available frequency. The exchange went something like...

Me: --.- .-. .-... ..--..

Response: --

Me: -- ..--.. --.- .-. .-... ..--..

Response: --

What the hey is 'M' supposed to mean in response to QRL? It doesn't appear to be a prosign listed in the ARRL Operating Manual. I considered the possibility that it wasn't an 'M' or CW at all, but a signal where "--" is supposed to be a NO and maybe "-" would be a YES. Anyone care to enlighten me?

Regards,
-Dale, KB0VCC QRP-L#91, CQC#251

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: Nick Franco <kf2ph@bnl.gov>
Subject: [7320] Test Equipment
Message-ID: <31769AD5.341F@bnl.gov>

Being real new to this building end of the hobby, I don't have much in

the way of test equipment. I wouldn't know how to use it if I had some.

I thought I wouldn't have to do too much trouble shooting if I just followed the destructions carefully and didn't make any mistakes :-)
Yeah, the naive approach!

These things bailed my buns out of the fire a few times so far:

- a good multimeter
- a good instruction manual (like with the NW8020 or SW-xx)
- a good deal of patience
- a solder sucker
- a soldering iron

That's all I have! Wish I had a scope. I've seen these in action.
Actually, I wish I knew how to use a scope!

The most critical thing for me was the instruction booklet having all the voltages listed for transmit and receive. This is really what saved my rig, my marriage, my sanity ... and a clear schematic.

72

Nick

--

Nicholas J. Franco <>> BROOKHAVEN NATIONAL LABORATORY
Sr. Systems Specialist RHIC Project - Building 1005 - Room 201
Tel: (516) 344-5467 Fax: (516) 344-3674 UPTON, N.Y. 11973-5000
Email: kf2ph@bnl.gov <http://www.rhichome.bnl.gov/People/franco>

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: "William C. Robbins" <billrobb@serv01.net-link.net>
Subject: [7335] WTB: St. Louis Tuner
Message-ID: <199604182048.QAA07703@serv01.net-link.net>

I understand that there are no more St. Louis Tuners available. I would like to have one in kit form. I someone has one that does not have the time to build it or just doesn't want it anymore, please let me know.
I joined this list too late to get in on it.

Thanks,

Bill

William C. Robbins, WA8CDU
billrobb@serv01.net-link.net

Heathkit Collector

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
Subject: Re: 40-9er mods

> Has anyone figured out a way to pull the transmit frequency 500-700kHz
> lower?

I tried something need more work.

The simplest approach is to first relocate the capacitor as you suggested
and then connect the following circuit:

- (1) 8pF (?) cap from the RFC6/C6 junction to a 1N914 or 1N4148 diode D3,
which is connected to the K line (similar to diodes D1 and D2)
- (2) 22K resistor from the D3/Cx junction to +12V. Hopefully there's enough
isolation but can replace the resistor with a 1mH+12K otherwise.

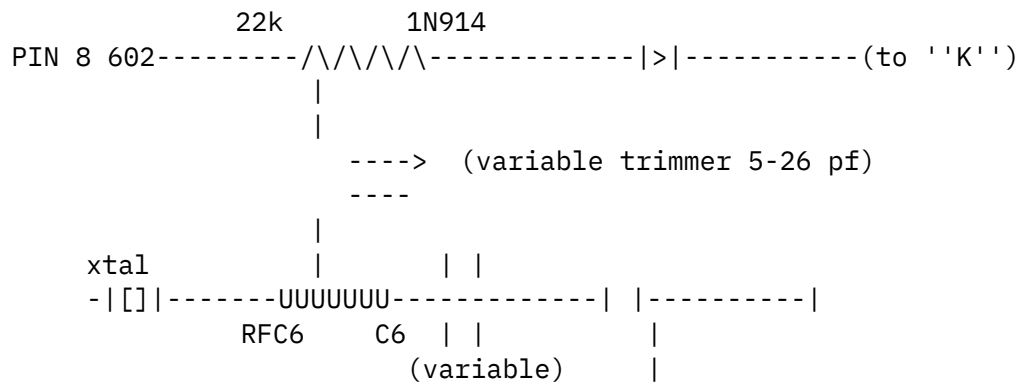
I'd love to experiment with the component values of this circuit, maybe you
have the time to start this work...

Let's make good things better!

ORI AC6AN

Well 40-9er fans, I tried it and it works!
But unfortunately, it's a good news, bad news story!!!!

First of all, I modified the freq determining LC in the crystal VX0 so
the inductor is above ground and the cap goes to ground. Then I
connected a 5-26 pf variable cap to the junction of RFC6 and C6 and
connected the other end of it to a 1N914.... the cold end of which goes
to the K bus at D2 (which grounds during keying of the transmitter).
For voltage, I connected one end of a 22k resistor to pin 8 (V+) of the
NE602 and attached the other end to the junction between the new variable
and the diode. At about half mesh of the trimmer -- I get approx 600 hz
lower carrier frequency: just about right for a CW offset.



\\ \ (ground)

The good news part is above. The bad news is that I now have some SW broadcaster audible in the front end of the receiver. I formerly had SW crud, and got rid of it by changing RFC1 to a Torroid. Now it's back, but it is much weaker. After another trip to the parts store and the purchase of a nominal 10-15pf 1% cap to replace the trimmer, I'll see if I can get rid of some of the intermod by eliminating the variable.

The mods continue---I also changed the pi output filter to 470pf-1.5uH-470pf based on another bit of modelling Ori did. I hope to test it tomorrow or Friday on the spectrum analyzer. The old setup (270pf-2.2uH-470pf) measured about 16 db down at the second harmonic when I tested it a month ago. We'll see what the new filter does (Ori suggested the harmonic suppression might be the same, but the power output will increase slightly).

Details on that to follow. In the meantime, keep the solder irons hot!

73/72 de alan
W6RCL

kaul@netcom.com

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: Grover Cleveland <wylde@nccn.net>
Subject: [7281] re: 40-9er mods (never mind)
Message-ID: <3175BEA8.1B6E@nccn.net>

Thanks - I chanced to look at the Norcal page and found most of the mods there.

Grover
WT6P

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [7297] Re: Anyone have full list of Q-signs?
Message-ID: <Pine.SOL.3.91.960418092515.23705B-100000@utkux4.utcc.utk.edu>

It would likely take something from WW I era to make a full list of Q Signals. I have a 1930 ARRL HB and will send a list out later today. Some have been dropped, like those dealing with dropping anchor, etc., revealing the essentially nautical origination of Q-Signals.

There was another set of such signals used by the military in WW II, but I do not have a list of those.

ARRL developed a list of QN? signals for traffic networks, such as QNU=I have no traffic, etc. These should be on any of those free cards ARRL gives away at ham fests. The QN? signals often parallel some of the "regular" Q-Signals, but the larger set of Q-Signals may have different middle letters relative to the parallel to the QN? versions.

QRX for lists. QRL at work. QRU for now. QRP forever.

-73-
LB, W4RNL

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [7301] Re: Anyone have full list of Q-signs?
Message-ID: <Pine.SUN.3.90.960418081542.21825A-100000@vortex.sage.dri.edu>

On Thu, 18 Apr 1996, L. B. Cebik wrote:

>
> QRX for lists. QRL at work. QRU for now. QRP forever.
>
> -73-
> LB, W4RNL
>

QSL.

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17....ARRL....NorCal #330....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: QLF@mimi@magic.itg.ti.com
Subject: [7314] re: Anyone have full list of Q-signs?
Message-ID: <9604181900.AA28093@itg.ti.com>

From: Brad Bradfield QLF

Subj: re: Anyone have full list of Q-signs?

The Navy uses not only Q-signs, but also Z-signs. There is a Navy document that lists all of these Q and Z signals, and as I recall, it is probably a half-inch thick. Most are no longer in common usage, and the meaning of many is probably lost in antiquity. As I recall, this document had a DNC number (3?) and was probably changed to an NTP number in the mid-70's. I have perused this thing before, but not in 20 years or so. Would be fun.

73's

Brad, WB0CGH
QLF@MSG.TI.COM

Brad Bradfield, PE Electrical Design Engineer
(H) 817-321-2960 Texas Instruments, Inc.
(W) 214-462-6230

WB0CGH@W05H.#DFW.TX.USA.NA
ARRL Life Member QRP-L #377 SMIRK #4906 IEEE(M)
Collector of wireless and landline Morse keys and accessories.

From owner-qrp-l@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: Dick Slavens <aero@napanet.net>
Subject: [7288] Re: Autec SWR Analyzer
Message-ID: <3175CCAC.377E@napanet.net>

PAT DOYLE wrote:

>
> In the not too distant past, there was a
> discussion going on about the Autek Analyzer. At
> that point, I had not used anything of the sort
> and didn't pay lots of attention to the
> discussion.
>
> Since then, I have used a borrowed MFJ 259. I
> like it and think I may want one for myself.

> However, the 259 is kind of big and more expensive
> than the Autek, as advertised in QST.
> ...

Pat,

I'm also looking at Antenna Analyzers. I called Autek Research and received a nice flyer with detailed Spec.s, while MFJ sent a copy of their catalog with no accuracy Spec.s. Strange but true.

Maybe the MFJ manual has more details, that someone on the list could pass on ??

Dick WA6TMF

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: JEVERHART@cayman.vf.mmc.com
Subject: [7293] Re: Autek SWR Analyzer
Message-ID: <960418081839.2420e6b2@carib.vf.mmc.com>

Dick,

I have the MFJ 259 manual. No detailed specs in it, either or any words about accuracy. At least Autek makes an attempt to tell you what kind of accuracy to expect and how to maximize it.

My favorite is the Autek unit, it is small, handy, well characterized and useful *by itself* as a bench instrument to measure swr, impedance, inductance and capacitance. Its tuning is less convenient in some cases than the MFJ unit. It covers only the hf bands.

The MFJ is easier to tune, provides access to the internal frequency counter and uses analog meters that are much easier to use when nulling swr. However the "rf resistance" meter is only intended to be used at resonance and indicates only a very limited range of "rf resistance." And measuring inductors or capacitors involves both math and connecting multiple external components. It does, however cover 6 and 2 meters as well as the hf bands.

In a nutshell if you want a versatile all around do-it-all-in-one-box instrument, buy the Autek. If you're just gonna "tweak and peak" antennas and want vhf too, buy the MFJ.

72/73,

Joe E., N2CX

work: jeverhart@cayman.vf.mmc.com
home: n2cx@voicenet.com

From owner-qrp-l@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: "James C. Owen, III" <owen@apollo.eeel.nist.gov>
Subject: [7294] Re: Autec SWR Analyzer
Message-ID: <32115.owen@apollo.eeel.nist.gov>

In message Wed, 17 Apr 1996 22:01:32 -0700,
Dick Slavens <aero@napanet.net> writes:

>
> I'm also looking at Antenna Analyzers. I called Autek Research and
> received a nice flyer with detailed Spec.s, while MFJ sent a copy of
> their catalog with no accuracy Spec.s. Strange but true.
>
> Maybe the MFJ manual has more details, that someone on the list could
> pass on ??
> Dick WA6TMF
>
If you call MFJ and ask they will send any manual free of charge. 73 Jim
K4CGY

From owner-qrp-l@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: N5EM@aol.com
Subject: [7282] Re: Badge list 4/13/96
Message-ID: <960417232950_516384807@emout19.mail.aol.com>

In a message dated 96-04-13 12:55:33 EDT, you write:

>
> ADAMS CHUCK K5FO 1
> ALBERT TED KF8EE 302
> ALI M M VU2ALI
> BABINEAU MIKE VE3WMB 305

How does the guy do it? I mean, I know how he got QRP-L #1, but doesn't
somebody at least have a name before him in the alphabet? Some people just
end up first at everything they do :-)

Ed

From owner-qrp-l@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: Bill Acito <acito@ultranet.com>
Subject: [7286] RE: Badge list 4/13/96
Message-ID: <01BB2CBD.F69324A0@acito.ultranet.com>

Well, I could have beat him, but I have to be in Orlando on business during
Dayton week. :-)

Bill

Bill Acito acito@ultranet.com Hudson, MA
KC1GS ... qrp-ne ... qrp-arci ... norcal ... arrl life ...

From: N5EM@aol.com[SMTP:N5EM@aol.com]
Sent: Wednesday, April 17, 1996 11:29 PM
Subject: Re: Badge list 4/13/96

In a message dated 96-04-13 12:55:33 EDT, you write:

>
> ADAMS CHUCK K5FO 1
> ALBERT TED KF8EE 302
> ALI M M VU2ALI
> BABINEAU MIKE VE3WMB 305

How does the guy do it? I mean, I know how he got QRP-L #1, but doesn't
somebody at least have a name before him in the alphabet? Some people just
end up first at everything they do :-)

Ed

From owner-qrp-l@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: kd7s@valleynet.com (Bill Jones)
Subject: [7353] Re: Boxes
Message-ID: <199604190124.SAA01378@valleynet.com>

In a recent post, Jim, WK8G/2 wrote:

>Lacking sheet metal shears and a brake, most of my fabricating has been
>limited to brackets and such. Any ideas for a nice-looking,
>reasonably-priced, and/or easy-to-make cabinet?

>

For years I have been making my own cabinets and boxes with ABS plastic sheet. It can be sawed, formed, bent, sanded, welded (glued, actually) and painted with ease. I buy it at a local plastic supply house as scrap. The going price is usually about \$1.50 per pound in odd sized and shapes pieces. A dollar's worth of 1/8" plastic will make a very nice box for something the size of a QRP rig. The only problem is lack of r.f. shielding. If there is enough interest, perhaps I can put together a how-to article for QQ ---- after Dayton.

=====
Bill Jones - KD7S <><
QRP-L Member #85
Sanger, California
Reply to kd7s@valleynet.com
=====

From owner-qrp-l@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [7318] Re: Curtiss 8044 info
Message-ID: <199604181928.TAA09434@chuck.dallas.sgi.com>

Rick,

On FTP.LEHIGH.EDU in /PUB/LISTSERV/QRP-L/COMPONENTS is 8044.ps
the entire 8044 application notes from Curtis in PostScript
format.

For those that can ftp, do it without the .Z and you'll get it
decoded. It is ASCII PostScript file which means send it to
a PostScript printer as-is or use ghostview or other PostScript
viewer to look at it. It is worth printing off just for the

complete set of schematics.

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From owner-qrp-l@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: Jeff Grudin <grudin@pacific.vdbs.com>
Subject: [7325] RE: Front panel detailing
Message-ID: <199604182021.NAA00042@pacific.vdbs.com>

Hi Guys,

I've done a similar process that has worked real well for me. I lazer print or even color ink jet onto a nice gray cardstock (or any color you like). Cover that with laminating plastic from the stationary store. Spray the back of the cardstock and the front of the panel with spray adhesive (again from the stationary store). When it is tacky apply them together. Then use an exacto knife to trim out the holes. It makes a pretty good looking panel, and covers the scratches I usually end up with on the front panel after drilling and punching all the holes.

CUL

72 de Jeff AC6KW
grudin@vdbs.com

From owner-qrp-l@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: Mike Robinson <miker@cc.com>
Subject: [7307] Re: Front Panel Detailing for Homebrews
Message-ID: <9604181707.AA28384@voder.nsc.com>

Jerry,

That's an excellent method and worthy of
an article in one of the club publications.

=====
NCARC Superfest, June 1st, Larimer County Fairgrounds, Colorado
=====
7.3 de Michael AA0UB miker@cc.com michael@frii.com
<http://www.frii.com/~michael>

ORP-L #126 Norcal #857 COC #180

=====

From owner-qrp-l@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: QLF%mimi@magic.itg.ti.com
Subject: [7291] re: My sister's callsign! YIKES!
Message-ID: <9604181055.AA19786@itg.ti.com>

From: Brad Bradfield QLF

Subj: re: My sister's callsign! YIKES!

Once had a newcomer show up on our small town repeater system who's callsign suffix was JRK. He was forevermore known as Jerk. Oh, well.

A broadcasting friend of mine moved to Florida in 1970 and went to work for a station whose callsign was WUWU. Now, say that one even moderately fast without choking on it. That's even worse than WWWW in Detroit (I think.)

I like my callsign just fine, thank you!

73 's

Brad, WB0CGH

Brad Bradfield, PE Electrical Design Engineer
(H) 817-321-2960 Texas Instruments, Inc.
(W) 214-462-6230

OLF@MSG.TI.COM

WB0CGH@W05H.#DFW.TX.USA.NA

ARRL Life Member QRP-L #377 SMIRK #4906 IEEE (M)

Collector of wireless and landline Morse keys and accessories.

From owner-qrp-l@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: Jim Lowman <jlowman@iepsnet.com>
Subject: [7306] Re: My sister's callsign! YIKES!
Message-ID: <08352614003938@iepsnet.com>

At 07:42 PM 4/17/96 +1030, you wrote:

>Is Paul, WB8ZJL in danger of losing his "ugliest callsign" status????

>

>My sister in Arizona just KC7QLZ! Hmmm, on second thought, I guess Paul
>keeps the title :)

>

>Her husband got KC7QME, which I think is pretty nice.

It would be interesting to search one of the various callsign databases for
"interesting" callsigns - like those that end in "LID" or something similar.

72 de Jim - KF6CR

From owner-qrp-l@Lehigh.EDU Fri Apr 19 16:35:24 1996

From: "'AB7HI' Stephen Lee" <slee@u.washington.edu>

Subject: [7308] Re: My sister's callsign! YIKES!

Message-ID: <Pine.A32.3.92a.960418100344.179009A-100000@homer29.u.washington.edu>

My son, KC7FAE, is bringing in the good news to his auto shop
teacher today...the teacher's a new Ham with the call KC7QKZ.
(just issued yesterday!).

Stephen Lee, AB7HI

slee@u.washington.edu

From owner-qrp-l@Lehigh.EDU Fri Apr 19 16:35:24 1996

From: Roger Hightower <aa7qy@dancris.com>

Subject: [7313] Re: My sister's callsign! YIKES!

Message-ID: <199604181815.LAA06708@user.dancris.com>

At 09:35 AM 4/18/96 -0700, Jim Lowman wrote:

>

>It would be interesting to search one of the various callsign databases for
>"interesting" callsigns - like those that end in "LID" or something similar.

>

>72 de Jim - KF6CR

One of our TriARC club members is Bill Melanson, W1LID. He told me
one evening that he was never going to change his call. Too many folks
knew how to send it already.

72/73, de Roger, AA7QY

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: Clark Savage Turner WA3JPG <turner@safety.ics.uci.edu>
Subject: [7283] Re: My sister's callsign! YIKES!
Message-ID: <13833.829798550@safety.ics.uci.edu>

Pretty awful stuff. Mine is pretty bad - JPG. My wife, though, got a wonderful callsign - KC6TK0. Good phonetics on SSB. Now, I just need to get her to upgrade and put up a dipole where she lives in Michigan ...

Clark
WA3JPG

From owner-qrp-l@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: prvalko <prvalko@oakland.edu>
Subject: [7284] Re: My sister's callsign! YIKES!
Message-ID: <Pine.OSF.3.91.960417233755.14340A-100000@saturn.acs.oakland.edu>

On Wed, 17 Apr 1996, Scott Rosenfeld NF3I wrote:

> Is Paul, WB8ZJL in danger of losing his "ugliest callsign" status????

Well... Sheeze have I ever mentioned the famous ZJL Scale for rating callsigns on QRP-L? Probably not...

In a nutshell, WB8ZJL rates about a 1.8 (out of 10)

- my called is saved by a pretty CW beat

KC7QLZ popped in at a 2.2 so it's still better than ZJL

- WOULD HAVE BEEN bigger HAD "QLZ" actually MENT something

Scott (sounding a tad cocky) seems to forget that NF3I is pretty miserable also scoring a 3.9 :-)

Vanity calls will put an end to this nonsense pretty soon... soon as *MY* petition to have a new gate 1.5 declared for all amateurs that have never elected to change their calls from original issue - passes!

hehehehehehheh

73! =paul= wb8zjl

ObQRP - 49er QSO #2 to-nite with a ham in KS!

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: "Dana H. Myers" <myers@bigboy.West.Sun.COM>
Subject: [7285] Re: My sister's callsign! YIKES!
Message-ID: <Roam.3.0.829800889.85.myers@bigboy>

Paul Valko wrote:

> In a nutshell, WB8ZJL rates about a 1.8 (out of 10)
> - my called is saved by a pretty CW beat

This is tantamount to the infamous "American Bandstand" phrase:
"it has a good beat and you can dance to it"....

;-)

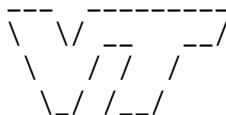
Dana

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: pelt@vt.edu (Randy Pelt)
Subject: [7292] Re: My sister's callsign! YIKES!
Message-ID: <v01540b00ad9beea28256@[198.82.152.40]>

>Vanity calls will put an end to this nonsense pretty soon... soon as *MY*
>petition to have a new gate 1.5 declared for all amateurs that have never
>elected to change their calls from original issue - passes!
>
>heheheheheh

So, you are the guy holding the process up! :-)

Ranson J. Pelt
Internal Audit Manager
Virginia Tech 0328
Blacksburg, VA 24061
(540) 231-9475 Fax (540) 231-4681



QST de nz4i Semper Fi

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: "Greg Parsons A.K.A. Rat" <gregp@galileo.mis.net>
Subject: [7296] Re: My sister's callsign! YIKES!
Message-ID: <1.5.4.16.19960418085829.13879f02@galileo.mis.net>

>Paul Valko wrote:

>

>> In a nutshell, WB8ZJL rates about a 1.8 (out of 10)

>> - my called is saved by a pretty CW beat

>

>This is tantamount to the infamous "American Bandstand" phrase:

> "it has a good beat and you can dance to it"....

>

>;-)

>

>Dana

>

>

>

Yea guys,

But I still think mine is a real pain....

-.- --- --- ---

73-1,

Greg

ke4ooo

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: Jim Lowman <jlowman@iepsnet.com>
Subject: [7322] Re: My sister's callsign! YIKES!
Message-ID: <11492309304097@iepsnet.com>

At 11:40 AM 4/18/96 +1030, you wrote:

>For fun:

>

>K7LID GERDES, GEORGE L

>

>W7LID GWILLIM, HENRY H

I'll have to see if there's a W6LIB, K6LID, etc.

If one doesn't exist, I have several nominees! :-)

72 de Jim - KF6CR

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: Jim Lowman <jlowman@iepsnet.com>
Subject: [7326] Re: My sister's callsign! YIKES!
Message-ID: <12224029604143@iepsnet.com>

>I'll have to see if there's a W6LIB, K6LID, etc.

>

>If one doesn't exist, I have several nominees! :-)

Well, trying all the combinations I could think of
(W, K, N, WA, WB, and KA-KE)

the search yielded only W6LID. Since he has an
Advanced Class license, we should presume him
innocent until proven otherwise. :-)

72 de Jim - KF6CR

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [7302] Re: need help with test equip.
Message-ID: <Pine.SUN.3.90.960418081842.21825D-1000000@vortex.sage.dri.edu>

All,

Phil's request for help using test equipment is something
many of us need, (I think!).

Is there anyone out there that would like to start a small
series for the Quarterly about the use of test equipment?

Not all the fancy Tecktronics multi bucks equipment, but
the old Heathkit scopes and other cheap (?) goddies that

we hams wind up with.

I have seen some old Sam's books, (Egad, I might be giving away my age now), that were great. More can be done with a volt meter than most of us can imagine!

Short, easy to follow articles, one or two ideas per issue.....

Step right up.....jump in.....the waters fine.....you don't need to be a member of the ARCI to do the column, but you can bet that we will beg you to join if you take the "job"!

I'm waiting for the flood of applications.....

cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17....ARRL....NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: [7345] Re: onions
Message-ID: <199604182314.RAA02905@zia.aoc.nrao.edu>

I guess if you don't have green chili's, you have to settle for something. But onions? ...

Paul NA5N

From owner-qrp-l@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [7315] Re: Priority Mail
Message-ID: <Pine.SUN.3.90.960418120626.22148C-100000@vortex.sage.dri.edu>

On 18 Apr 1996, Thom LaCosta wrote:

>
>
> Hmmm, let me know how well you do sending a payment for a kit via ham radio.
>
> Thom LaCosta
> --

Hmmmm, could send your plastic number via any mode.....

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17....ARRL....NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: earwax@indy.net
Subject: [7319] Re: Priority Mail
Message-ID: <199604181936.0AA06425@IndyNet.indy.net>

>To: ku7y@sage.dri.edu
>From: earwax@indy.net
>Subject: Re: Priority Mail

>

>>On 18 Apr 1996, Thom LaCosta wrote:

>>

>>>

>>>

>>> Hmmm, let me know how well you do sending a payment for a kit via ham radio.

>>>

>>> Thom LaCosta

>>> --

>>

>>Hmmmm, could send your plastic number via any mode.....

>>

>>73, Ron,

>>

>>.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
>>....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
>>....QRP-L #17....ARRL....NorCal #330.....NRA LIFE.....

>>

>>

>HMMMMMMMMMMMM,Not real secure. Feel free to post your credit card number,expiration date and name as appears. Not me!

>

>73 es etc,
>
>Charlie
>

Charlie Kuhn, N9NVV
earwax@indy.net
Censor Yourself, Not Others
All Disclaimers Apply

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: Brian Dockter <brian@nds.com>
Subject: [7316] Re: Q-Signals
Message-ID: <96Apr18.121021pdt.171710-215+74@rainier.nds.com>

On Apr 18, 2:25pm, "L. B. Cebik" wrote:
> Subject: Q-Signals
> For those with an interest in history or who are building a time machine,
> here are the Q-signals from the 1930 ARRL HB.

Didn't you forget the most important one, or did you think we were so familiar with it that it didn't need repeating? Perhaps people didn't think it was necessary back in 1930? I'm sure most people on this list would consider it's omission a grave error.

72

Brian

BTW, the missing Q-Signal is:

QRP Decrease power

--

Brian Dockter (KC7JZL)	Email: brian@nds.com
Sr. Software Engineer	Voice: 206-524-0014
Northwest Digital Systems	FAX: 206-524-3440

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: Jim Lowman <jlowman@iepsnet.com>
Subject: [7321] Re: Q-Signals
Message-ID: <11492507804098@iepsnet.com>

At 12:10 PM 4/18/96 -0700, you wrote:

>Didn't you forget the most important one, or did you think we were so
>familiar with it that it didn't need repeating? Perhaps people didn't
>think it was necessary back in 1930? I'm sure most people on this list
>would consider it's omission a grave error.

>BTW, the missing Q-Signal is:

>

>

> QRP Decrease power

Keeping with our discussion of humorous callsign suffixes like "LID"

QLF - Try sending with your left foot

72 de Jim - KF6CR

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: Wayne Barnhart <wayneb@on-ramp.ior.com>
Subject: [7337] Re: Q-Signals
Message-ID: <Pine.LNX.3.91.960418150201.11803A-100000@on-ramp.ior.com>

> QRU Have you anything for me; I have nothing for you

> QRV Send series of Vs

We used this one in the Coast Guard to query if the rcvr was ready to copy

INT QRV ready to copy? (QRV?)

QRV ready

Wayne WB7WHI
Spokane, Wa.

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: Wayne Barnhart <wayneb@on-ramp.ior.com>
Subject: [7338] Re: Q-Signals
Message-ID: <Pine.LNX.3.91.960418150517.11803B-100000@on-ramp.ior.com>

>
>
> BTW, the missing Q-Signal is:

>
>
> QRP Decrease power
>
>
>

How about QLF?
Are you sending with your left foot?

Wayne WB7WHI
Spokane, Wa.

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [7349] Re: Q-Signals
Message-ID: <Pine.SOL.3.91.960418200142.2180A-100000@utkux4.utcc.utk.edu>

Brian wins as the first to notice the omission. Will have to omit a more obscure one next time. (What next time???)

-73-
LB, W4RNL

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [7351] Re: Q-signs et al
Message-ID: <Pine.SOL.3.91.960418202109.2180C-100000@utkux4.utcc.utk.edu>

On the subject of old manuals of Q, Z and other signals, if anyone has antique copies that might head toward the trash can, please send them here for my meagre historical collection of books and manuals--I'll gladly refund postage or reasonable small cost.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\	/\	*	/	/	/	(Off)	(423)	974-7215
1434 High Mesa Drive	/	\	\	\	----	/\----	(Hm)	(423)	938-6335
Knoxville, Tennessee	/\	\	\	\	/	/	(FAX)	(423)	974-3509
37938-4443	USA	/	\	\	\	\			cebik@utk.edu
QRPARCI 2572	G-QRP 7203	CQC 125	NEQRP 347	NORCAL 1111	MIQRP 1432				
NWQRP 401	ARRL Life: Educational Advisor	QCWA 13211	10-10 41159						

From owner-qrp-l@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: torell@sicom.com (Kent Torell)
Subject: [7341] Re: QRP FD and N5INZ's BBQ Onions....
Message-ID: <v02130503ad9c6db572cf@[192.91.202.41]>

> One large red onion, ...
> Wrap in aluminum foil. Set over the camp stove or BBQ for 1 hour.

My brother-in-law introduced me to these. Any onion, foil cooked with butter, takes on a wonderful, sweet flavor!

qrp onions....what next?

Kent Torell torell@sicom.com 602-483-2867 x40
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260

From owner-qrp-l@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: Tim Pettibone <tpettibo@nmsu.edu>
Subject: [7343] Re: QRP FD and N5INZ's BBQ Onions....
Message-ID: <199604182247.QAA22620@NMSU.Edu>

But only small onions!

Tim AB50U
Las Cruces, NM

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [7346] Re: QRP FD and N5INZ's BBQ Onions....
Message-ID: <199604182313.XAA10031@chuck.dallas.sgi.com>

Kent et.al.,

OK, now you started it!!!

> 5 oz. QRO Onion
5 > weight > 1 oz. QRP Onion
1 > weight QRPp Onion

Now should I cook them at HF (hot fire), VHF (very hot fire),
or UHF (ultra hot fire, usually the butane torch 'cuz we're
in a hurry here the bands are hot). :-)

Sir, would you like red or white wine with that?

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: Steve.Hideg.1@nd.edu (Steve Hideg)
Subject: [7342] Re: St Louis Tuner
Message-ID: <v02130518ad9c2b9420e7@[129.74.35.16]>

>Does anyone know of the layout for the back panel? There is a marked diagram of
>the front panel, and I'm sure I could figure out the back while building it...

A photo of the rear panel of a prototype can be found at:

<<http://qrp.cc.nd.edu/qrp-1/dayton95/sh/sltback.jpg>>

Steve Hideg Macintosh Consultant/Analyst

Office of Information Technologies Telephone: (219) 631-3926
University of Notre Dame URL: <http://www.nd.edu/~shideg/>

"Things are more like they are now than they ever have been before."

From owner-qrp-l@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: prvalko <prvalko@oakland.edu>
Subject: [7310] Re: the famous ZJL Scale
Message-ID: <Pine.OSF.3.91.960418135444.6915C-1000000@saturn.acs.oakland.edu>

On Thu, 18 Apr 1996, Alvin G. Gann wrote:

> Paul, how do you calculate the rating on " the famous ZJL Scale?" 73/72
> --Jerry W1UI

It's way way way too complicated to get into and I'm saving the algorithm
for a possible PhD project. I'm sure you understand that I can't let the
that genie out of the bottle!

It DOES work and is pretty cool, funny too.

73 =paul= wb8zjl

From owner-qrp-l@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: dedinger@ix.netcom.com (Dennis Edinger)
Subject: [7354] RE: Whiterook MK-88 paddle/keyer
Message-ID: <199604190145.SAA17615@dfw-ix9.ix.netcom.com>

>You Wrote:
>Hi Dennis. I saw your posting and hoped you wouldn't mind me
>reiterating my question to the QRP-L guys to you directly. What are
>the physical dimensions of the Whiterook Paddles and/or the Whiterook
<key?

<Tnx es 73/72
< Jeff - VA3JFF

<=====

< L. JEFFREY HETHERINGTON
< Niagara Falls, Ontario, Canada
<E-Mail : jhetheri@freenet.npiec.on.ca

Jeff,

Sorry for the delay. The keyer is in a sturdy black plastic-type box

(with rubber feet attached) 1 1/4" high, 2" wide, and 3" deep (rounded to 1/4"). The paddle is made of the same type of material and is firmly mounted on the box adding 5/8"; the paddle extends 1/2" beyond the box for easy keying. Including the two 3v nickel (US) sized lithium batteries, it weighs in at a total 2.2 oz. The on/off and speed are controlled by a 1" diameter thumbwheel switch/pot mounted on the top, just behind the paddle. Dit-dah spacing is automatically determined by the speed setting. The only thing you have to do is insert batteries and build or attach a cable. Because the keyer chip is an oscillator, I used a shielded cable. I have detected no rf in the shack here. In reality it ought to be nicknamed the "mighty-mite", because that is what it is.

One can use the paddle like a standard Bencher, but it doesn't have the weight or fine tune adjustments that make that type of "bench-top" keying comfortable for me. I'm right handed, so I lean back in my chair with the paddle/keyer in my left hand, my left hand in my lap and squeeze away.

72/73

de Dennis/NT0L CQC 202 QRP-L 482

From owner-qrp-1@Lehigh.EDU Fri Apr 19 16:35:24 1996
From: faunt@netcom.com (Doug Faunt N6TQS +1-510-655-8604)
Subject: [7328] Re: [7240] need help with test equip.
Message-ID: <199604182124.0AA01291@netcom15.netcom.com>

The RSGB has published a very good book -Test Equipment for the Radio Amateur-.
73, doug